

CLAIMS

1. A method for evaluating cancer, which comprises the following steps of:
 - (a) collecting total RNA from an analyte;
 - 5 (b) measuring the expression level of at least one gene selected from among the genes shown in Tables 1 to 8; and
 - (c) evaluating cancer using the measurement result as an indicator.
2. A method for evaluating cancer, which comprises the following steps of:
 - (a) collecting total RNA from an analyte;
 - 10 (b) measuring the expression level of at least one gene selected from the group consisting of the PSMB8 gene, the RALGDS gene, the GBP1 gene, the RPS14 gene, the CXCL9 gene, the DKFZp564F212 gene, the CYP1B1 gene, the TNFSF10 gene, the NR0B2 gene, the MAFB gene, the BF530535 gene, the MRPL24 gene, the QPRT gene, the VNN1 gene, and the IRS2 gene; and
 - 15 (c) evaluating cancer using the measurement result as an indicator.
3. A method for evaluating cancer, which comprises the following steps of:
 - (a) collecting total RNA from an analyte;
 - (b) measuring the expression level of at least one gene selected from the group consisting of the PZP gene, the MAP3K5 gene, the TNFSF14 gene, the LMNA gene,
 - 20 (c) the CYP1A1 gene, and the IGFBP3 gene; and
 - (c) evaluating cancer using the measurement result as an indicator.
4. A method for evaluating cancer, which comprises the following steps of:
 - (a) collecting total RNA from an analyte;
 - (b) measuring the expression level of each gene contained in a gene set consisting of
 - 25 the VNN1 gene and the MRPL24 gene, or a gene set consisting of the PRODH gene, the LMNA gene, and the MAP3K12 gene, using GAPDH as an internal standard gene; and
 - (c) evaluating cancer using the measurement result as an indicator.

5. A method for evaluating cancer, which comprises the following steps of:
 - (a) collecting total RNA from an analyte;
 - (b) measuring the expression level of each gene contained in a gene set consisting of the VNN1 gene, the CXCL9 gene, the GBP1 gene, and the RALGDS gene, or a gene set consisting of the LMNA gene, the LTBP2 gene, the COL1A2 gene, and the PZP gene, using 18S rRNA as an internal standard gene; and
 - (c) evaluating cancer using the measurement result as an indicator.
6. The method according to any one of claims 1 to 5, wherein the evaluation of cancer involves prediction of the presence or absence of metastasis or recurrence.
- 10 7. The method according to any one of claims 1 to 5, wherein the cancer is hepatocellular carcinoma.
8. The method according to claim 2 or 3, wherein the expression level of a gene can be measured by amplifying the gene, using at least one set of primers consisting of the nucleotide sequences shown in SEQ ID NOS: 2n-1 and 2n (wherein n represents an integer between 1 and 114).
- 15 9. The method according to claim 4 or 5, wherein the expression level of a gene can be measured by amplifying the gene, using a set of primers for amplifying each gene contained in at least one gene set selected from the group consisting of a gene set consisting of the VNN1 gene and the MRPL24 gene, a gene set consisting of the PRODH gene, the LMNA gene, and the MAP3K12 gene, a gene set consisting of the VNN1 gene, the CXCL9 gene, the GBP1 gene, and the RALGDS gene, and a gene set consisting of the LMNA gene, the LTBP2 gene, the COL1A2 gene, and the PZP gene.
- 20 10. A primer set, which comprises at least one set of primers consisting of the nucleotide sequences shown in SEQ ID NOS: 2n-1 and 2n (wherein n represents an integer between 1 and 114).
- 25 11. A primer set, which comprises a set of primers for amplifying each gene contained in at least one gene set selected from the group consisting of a gene set consisting of the

VNN1 gene and the MRPL24 gene, a gene set consisting of the PRODH gene, the LMNA gene, and the MAP3K12 gene, a gene set consisting of the VNN1 gene, the CXCL9 gene, the GBP1 gene, and the RALGDS gene, and a gene set consisting of the LMNA gene, the LTBP2 gene, the COL1A2 gene, and the PZP gene.

- 5 12. A kit for evaluating cancer, which comprises any gene shown in Tables 1 to 8.
13. A kit for evaluating cancer, which comprises at least one gene selected from the group consisting of the RALGDS gene, the GBP1 gene, the DKFZp564F212 gene, the TNFSF10 gene, and the QPRT gene.
- 10 14. A kit for evaluating cancer, which comprises each gene contained in at least one gene set selected from the group consisting of a gene set consisting of the VNN1 gene and the MRPL24 gene, a gene set consisting of the PRODH gene, the LMNA gene, and the MAP3K12 gene, a gene set consisting of the VNN1 gene, the CXCL9 gene, the GBP1 gene, and the RALGDS gene, and a gene set consisting of the LMNA gene, the LTBP2 gene, the COL1A2 gene, and the PZP gene.
- 15 15. The kit according to any one of claims 12 to 14, which further comprises the primer set according to claim 10 or 11.